

**MEMORANDUM OF COOPERATION BETWEEN THE
UNITED STATES OF AMERICA AND THE RUSSIAN FEDERATION
IN THE FIELD
OF CIVILIAN NUCLEAR REACTOR SAFETY**

The U.S. Nuclear Regulatory Commission (NRC) and the U.S. Department of Energy (DOE) jointly, as the representatives for the United States of America, and the Ministry of the Russian Federation on Atomic Energy and the Russian President's State Committee for Oversight of Nuclear and Radiation Safety, jointly, as the representatives for the Russian Federation, hereinafter referred to as the "Parties", desiring to establish close and long-term cooperation in the field of civilian nuclear reactor (CNR) safety;

Noting that fruitful cooperation on civilian nuclear reactor safety can enhance the safety of civilian nuclear power generation in the United States of America and the Russian Federation;
and

In accordance with Article 2, paragraph 2 of the Agreement between the United States of America and the Union of Soviet Socialist Republics on Scientific and Technological Cooperation in the Field of Peaceful Uses of Atomic Energy, signed on June 1, 1990, and with relevant changes and additions (hereinafter referred to as "the Agreement");

Have agreed as follows;

Article I

The purpose of this Memorandum is to establish an arrangement for cooperation in the field of civilian nuclear reactor safety pursuant to the Peaceful Uses Agreement in order to increase civilian nuclear reactor safety and to improve the methods and practices of regulatory activity with regard to civilian nuclear reactors operated in the United States and the Russian Federation.

Cooperation under this Memorandum shall be carried out as agreed on the basis of mutual benefit, equality and full reciprocity between the parties.

Article II

The areas of cooperation under this Memorandum will be as follows:

1. Policy and practices of regulatory activity regarding safety of civilian nuclear reactors;
2. Problems of safety in design, construction, training, operation and management of civilian nuclear reactors;

3. Research directed at improving the safety of civilian nuclear reactors;
4. Questions on health effects and environmental protection requirements arising from the use of civilian nuclear reactors;
5. For purposes of this Memorandum, civilian nuclear reactors can include nuclear reactor plants for civilian electric power generation, district heating, process heating, and other associated technologies as may be agreed to by both parties.

Article III

1. In order to implement this Memorandum, there shall be established a Joint Coordinating Committee for Civilian Nuclear Reactor Safety (JCCCNRS).
2. The JCCCNRS shall consist of an equal number of representatives of each party. All decisions taken by the JCCCNRS shall be reached by agreement of the Parties.
3. The JCCCNRS will coordinate the work within the framework of this Memorandum and shall take appropriate action for effective implementation of the JCCCNRS' recommendations.
4. The JCCCNRS proposes new programs, as well as recommendations for amendments and addenda, if needed, to existing programs, for review and approval by the U.S.-Russian Joint Committee on Cooperation in the Peaceful Uses of Atomic Energy, established under the Peaceful Uses Agreement, in accordance with the laws and regulations of the Parties.
5. The JCCCNRS may establish working groups, conferences and seminars of specialists for joint discussion and study of specific topics related to civilian nuclear reactor safety or its regulation and may also review and comment on the reports of such working groups, conferences and seminars. Specific projects and programs for nuclear safety cooperation, exchanges of scientific and technical safety information, personnel and equipment, and procedures for addressing and resolving questions of such matters as payment of costs under this cooperation, and patent/publications rights for joint activities administered under the Memorandum, may be developed separately by the JCCCNRS, in accordance with laws and regulations of the Parties.
6. The JCCCNRS may assist in arranging transactions between or among organizations within or outside this arrangement for services contracted on a commercial basis, in accordance with national laws and regulations of the Parties.

7. The U.S.-Russian Committee on Cooperation in the Peaceful Uses of Atomic Energy, according to the recommendations of the JCCCNRS, can make changes or additions to the cooperation outlined in this Memorandum, consistent with article 2.

8. Meetings of the JCCCNRS will take place alternately in the United States and the Russian Federation, unless agreed otherwise. Times and places for meetings will be agreed upon in advance.

Article IV

1. This cooperation may be conducted according to plans and programs of the following principal establishments and organizations as agreed to by the Parties in writing pursuant to Article III.5:

-- In the United States of America:

the Nuclear Regulatory Commission;

the Department of Energy;

national laboratories, academies, and institutes as appropriate; and

other government departments and nuclear industry establishments and/or organizations as appropriate.

-- In the Russian Federation:

the Ministry on Atomic Energy;

the Russian President's State Committee for Oversight of Nuclear and Radiation Safety;

and other ministries, organizations, institutes as appropriate.

2. Each Party may unilaterally adjust the list of its establishments and organizations participating in this cooperation, and will inform the other Party of any such adjustments.

Article V

1. Cooperation under this Memorandum will be conducted in accordance with the provisions of the Peaceful Uses Agreement and international obligations, national laws and regulations of the Parties, and within the limits of available funds, on the basis of the fullest possible reciprocity in terms of equal access to facilities, information and personnel on both sides.

2. Any questions of interpretation and implementation relating to this Memorandum that arise during the period it is in force will be decided by agreement of the Parties.

Article VI

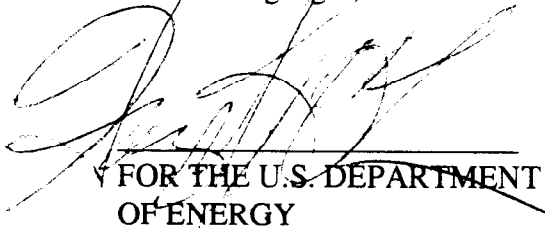
1. This Memorandum will enter into force upon signature, will remain in force for five (5) years, and is subject to extension for additional five (5) year terms by written agreement of the Parties following joint review at the end of each five-year period.

2. All joint projects and experiments being conducted pursuant to the Memorandum of Cooperation in the field of Civilian Nuclear Reactor Safety, signed April 26, 1988, shall be continued hereunder.

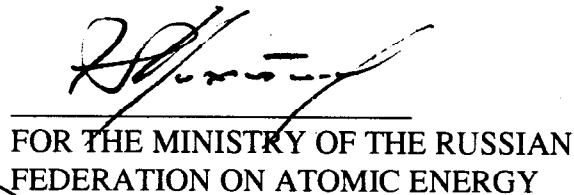
3. Either Party has the right to withdraw from this Memorandum of Cooperation on six (6) months' written notice.

4. All joint projects and experiments being conducted when the effective period of the Memorandum ends will, if agreed, be continued to their conclusion in accordance with the terms of this Memorandum.

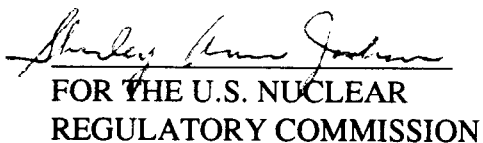
DONE in four copies, at Vienna, this sixteenth day of September, 1996 in the English and Russian languages, both texts being equally authentic.



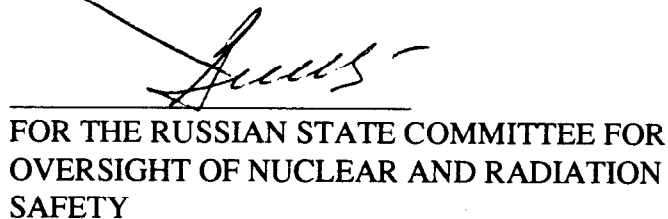
FOR THE U.S. DEPARTMENT
OF ENERGY



FOR THE MINISTRY OF THE RUSSIAN
FEDERATION ON ATOMIC ENERGY



FOR THE U.S. NUCLEAR
REGULATORY COMMISSION



FOR THE RUSSIAN STATE COMMITTEE FOR
OVERSIGHT OF NUCLEAR AND RADIATION
SAFETY